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(54) BOOSTER SEAT

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Related U.S. Application Data

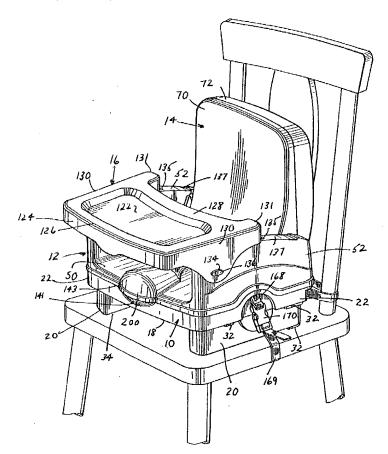
Provisional application No. 60/322,404, filed on Sep. 14, 2001.

Publication Classification

(51) Int. Cl.⁷ A47D 1/10

(57)ABSTRACT

A booster seat having a base 10 with foldable legs 20 to raise and lower the base. A seat assembly 12 is provided on the base having a seating surface 50 and arms 52. A backrest 14 is pivotally connected to the seat assembly 12 and moves between an operative erect position and a stored collapsed position wherein it lies substantially parallel to and closely adjacent the seating surface 50. A tray 16 is selective mountable on the seat assembly 12 for use by a child seated in the booster and a stored position on the bottom of the base 10. A retractable strap assembly is mounted in the base having one pair of straps 168 and 169 for wrapping around the seat and a second pair of straps 164 and 165 for wrapping around the back of a chair on which the booster is supported.





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(54) SPILL PROOF TRAINING CUP

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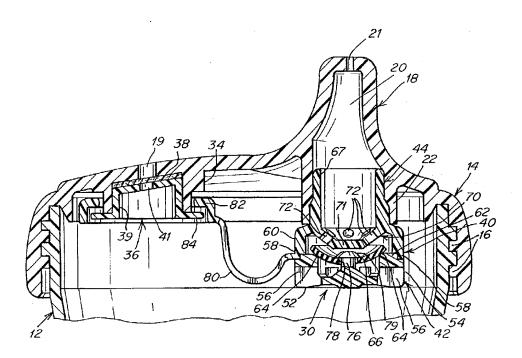
(63) Non-provisional of provisional application No. 60/189,832, filed on Mar. 16, 2000.

Publication Classification

(51) Int. Cl.⁷\A47G 19/22

(57) ABSTRACT

A no spill training cup includes a cup and cover with a drinking spout in the cover. The cover also has a vent opening for maintaining the ambient pressure in the cup with the vent opening being covered by a hydrophobic membrane that allows the flow of air into the cup but prevents liquid from flowing out of the cup through the vent opening. A valve housing is attached to the cover on the inlet side of the spout. The valve includes a diaphragm supported in the housing and biased to engage a valve seat in the housing to prevent flow of liquid from the cup to the spout. When a child sucks on the spout, the pressure on the outlet side of the diaphragm causes it to disengage the valve seat and allow the liquid to flow out of the cup through the spout. When the child stops sucking on the spout, the valve immediately returns to its closed position on the seat so as to prohibit the flow of liquid from the cup through the spout.





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(54)	BOOSTE	R SEAT
(75)	Inventors:	J. Michael Treen, Jamaica Plain, MA (US); Jorge Tomas, Wrentham, MA (US); Michael T. Fusco, Johnston, RI (US); Brian Sundberg, Chester, NH (US)
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(*)	Notice:	Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.
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(60)		ated U.S. Application Data application No. 60/322,404, filed on Sep. 14,
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(58)	Field of S	earch

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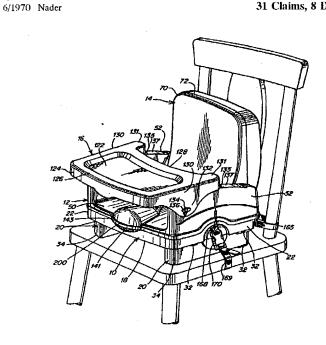
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Primary Examiner—Peter M. Cuomo Assistant Examiner—Joseph Edell (74) Attorney, Agent, or Firm—Barnes & Thornburg LLP

(57) ABSTRACT

A booster seat having a base 10 with foldable legs 20 to raise and lower the base. A seat assembly 12 is provided on the base having a seating surface 50 and arms 52. A backrest 14 is pivotally connected to the seat assembly 12 and moves between an operative erect position and a stored collapsed position wherein it lies substantially parallel to and closely adjacent the seating surface 50. A tray 16 is selective mountable on the seat assembly 12 for use by a child seated in the booster and a stored position on the bottom of the base 10. A retractable strap assembly is mounted in the base having one pair of straps 168 and 169 for wrapping around the seat and a second pair of straps 164 and 165 for wrapping around the back of a chair on which the booster is supported.

31 Claims, 8 Drawing Sheets





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(12) United States Patent Wong et al.

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(45) Date of Patent:

Mar. 2, 2004

(54)	LOCKABLE ELECTRICAL OUTLET
	CLOSURE PLHG

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(73) Assignee: Cosco Management, Inc., Wilmington, DE (US)

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(21) Appl. No.: 10/360,972

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(22) Filed: Feb. 7, 2003

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439/148, 149; 174/66, 67; 220/242, 3.8

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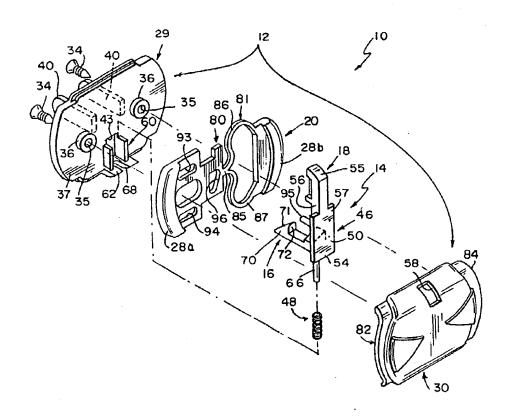
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Primary Examiner—Ross Gushi (74) Attorney, Agent, or Firm—Barnes & Thornburg

(57) ABSTRACT

A lockable electrical outlet socket closure plug includes a plug housing including an inner plate and a socket blade appended to the inner plate and adapted to extend into a blade receiver opening formed in the electrical outlet socket. The closure plug further includes a retainer for selectively retaining the plug housing in a mounted position on an electrical outlet socket and a controller mounted for movement in the plug housing and arranged normally to reinforce the retainer to cause the plug housing to remain in the mounted position on the electrical outlet socket.

28 Claims, 4 Drawing Sheets





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(12) United States Patent

Fusco et al.

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(45) Date of Patent:

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(54)	SPILL PROOF TRAINING CUP		
(75)	Inventors:	Michael T. Fusco, Johnston, RI (US); William St. Pierre, Forestdale, MA (US)	
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(*)	Notice:	Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.	
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Primary Examiner—Joseph M. Moy (74) Attorney, Agent, or Firm—Barnes & Thornburg

57) ABSTRACT

A no spill training cup includes a cup and cover with a drinking spout in the cover. The cover also has a vent opening for maintaining the ambient pressure in the cup with the vent opening being covered by a hydrophobic membrane that allows the flow of air into the cup but prevents liquid from flowing out of the cup through the vent opening. A valve housing is attached to the cover on the inlet side of the spout. The valve includes a diaphragm supported in the housing and biased to engage a valve seat in the housing to prevent flow of liquid from the cup to the spout. When a child sucks on the spout, the pressure on the outlet side of the diaphragm causes it to disengage the valve seat and allow the liquid to flow out of the cup through the spout. When the child stops sucking on the spout, the valve immediately returns to its closed position on the seat so as to prohibit the flow of liquid from the cup through the spout.

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